

Notice of Allowability

Application No.

10/805,059

Examiner

Carlos A. Martinez

Applicant(s)

BOYATT ET AL.

Art Unit

2853

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to papers filed through 07/28/2006.
2. ☒ The allowed claim(s) is/are 1-4 and 6-19.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

Reasons for Allowance

The following is an examiner's statement of reasons for allowance of claims 1, 10, and 17:

With respect to claim 1, the prior art does not teach a collimation assembly for a multi-beamed scanner including a printhead housing and having a scanning element for scanning a light beam and a pre-scan assembly for transmitting a received light beam to said scanning element, said collimation assembly comprising: a collimation housing mounted to said printhead housing; at least two adjustment brackets supported on said collimation housing; a light source supported by each of said adjustment brackets, each said light source defining a respective light beam axis; at least two collimation lenses, each collimation lens supported in said collimation housing and intersected by one of said light beam axes; and each of said adjustment brackets being movable relative to said collimation housing to locate each of said light beam axes at a predetermined position relative to a respective collimation lens; and each said light source being supported by a corresponding one of said adjustment brackets for movement in a direction parallel to said light beam axes.

With respect to claim 10, the prior art does not teach a collimation assembly for a multi-beamed scanner including a printhead housing and having a scanning element for scanning a light beam and a pre-scan assembly for transmitting a received light beam to said scanning element, said collimation assembly comprising: a collimation housing mounted to said printhead housing; at

Art Unit: 2853

least two adjustment brackets supported on said collimation housing, each said adjustment bracket including a mount member; a light source supported within each said mount member, each said light source defining a respective light beam axis, and each said light source being adjustable relative to a respective mount member in a direction parallel to said light beam axes; at least two collimation lenses, each said collimation lens supported in said collimation housing and intersected by one of said light beam axes; and each of said adjustment brackets being movable relative to said collimation housing to locate each of said light beam axes at a predetermined position relative to a respective collimation lens.

With respect to claim 17, the prior art does not teach In a multi-beamed scanner including a printhead housing and a scanning element for scanning a light beam and a pre-scan assembly for transmitting a received light beam to said scanning element, a collimation assembly comprising: a collimation housing mounted to said printhead housing; at least two adjustment brackets supported on said collimation housing and located adjacent to each other in a cross-scan direction, each said adjustment bracket including a mount member; a light source supported within each said mount member, each said light source defining a respective light beam axis; at least two collimation lenses, each said collimation lens supported in said collimation housing and intersected by one of said light beam axes; and each of said adjustment brackets being movable relative to said collimation housing in a scan direction and in the cross-scan direction to locate each of said light beam axes at predetermined positions relative to a respective collimation lens; and said mount members each defining an outer diameter and the distance between said light axes is less than said outer diameter of said mount members.

Art Unit: 2853

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carlos A. Martinez whose telephone number is (571) 272-8349. The examiner can normally be reached on 8:30 am - 5:00 pm (M-F).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, STEPHEN D. MEIER can be reached on (571)272-2149. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2853

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

CAM
08/04/2006


HAI PHAM
PRIMARY EXAMINER